

Form PTO-1449 U.S. Department of Commerce (Rev. 8-88) Patent and Trademark Office INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)				Attorney Docket No.: 1990.69815		Serial No.: 10/784,700	
				Applicant: Tsuneki Takahashi			
				Filing Date: 02/23/2004		Group: 2136	
U.S. PATENT DOCUMENTS							
Examiner Initial*	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate	
	5,646,993	Jul. 8, 1997	Aizawa				
	5,857,021	Jan. 5, 1999	Kataoka et al.				
FOREIGN PATENT DOCUMENTS							
	Document Number	Date	Country	Class	Subclass	Translation	
						Yes	No
	07-226024	Aug. 22, 1995	Japan			Abs.*	
	2000-306332	Nov. 2, 2000	Japan			Abs.	
	61-211791	Sep. 19, 1986	Japan			Abs.	
	09-134311	May 20, 1997	Japan			Abs.	
	09-134330	May 20, 1997	Japan			Abs.**	
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
Examiner				Date Considered			
*Examiner: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							

*Corresponds to USPN 5,646,993

**Corresponds to USPN 5,857,021